

I hereby certify that this correspondence is being transmitted via facsimile at 703-842-9308, on the date shown below.	
Dated: <u>7/16/04</u>	Signature: <u>Melody A. Alberg</u> (Melody Alberg)

Docket No.: 291958110US2  
Client Ref No. P97-0024US2

(PATENT)  
RECEIVED  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE CENTRAL FAX CENTER

JUL 16 2004

In re Patent Application of:  
Kyle M. Hanson et al.

Application No.: 10/721,057

Confirmation No.: 3252

Filed: November 24, 2003

Art Unit: 3723

For: SEMICONDUCTOR PROCESSING  
APPARATUS HAVING LIFT AND TILT  
MECHANISM

Examiner: Not Yet Assigned

OFFICIAL

INFORMATION DISCLOSURE STATEMENT (IDS)

Customer Window, MS Amendment  
U.S. Patent and Trademark Office  
220 20th Street S.  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, Virginia 22202

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Copies of the references on the PTO/SB/08 are not provided.

Application No.: 10/721,057

Docket No.: 291958110US2

References are not supplied because they were previously cited by or submitted to the Office in a prior application number 09/618,707, filed July 18, 2000 and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 291958110US2. A duplicate copy of this paper is enclosed.

Dated: 16 July 04

Respectfully submitted,

By 

Edward S. Hotchkiss

Registration No.: 33,904

PERKINS COIE LLP

P.O. Box 1247

Seattle, Washington 98111-1247

(206) 359-8000

(206) 359-7198 (Fax)

Attorney for Applicant

PTO/SS/08a/b (08-03)

Approved for use through 07/31/2008, CMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitutes for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete If Known</b>		
			Application Number	10/721,057-Conf. #3252	
			Filing Date	November 24, 2003	
			First Named Inventor	Kyle M. Hanson	
			Art Unit	3723	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	3	Attorney Docket Number	291958110US2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-5,224,503	07-06-1993	RAYMON F. THOMPSON	
		US-5,225,691	07-06-1993	LYLE R. POWERS	
		US-4,300,581	11-17-1981	RAYMON F. THOMPSON	
		US-5,232,328	08-03-1993	ALEKSANDER OW CZARZ	
		US-4,431,361	02-14-1984	CHRISTOPHER J. BAYNE	
		US-5,232,511	08-03-1993	ERIC J. BERGMAN	
		US-4,571,850	02-25-1986	JAMES R. HUNT	
		US-5,235,995	08-17-1993	ERIC J. BERGMAN	
		US-4,651,440	03-24-1987	GERALD M. KARL	
		US-5,238,500	08-24-1993	ERIC J. BERGMAN	
		US-4,746,256	05-24-1988	EDWARD R. BOYLE	
		US-5,261,935	11-16-1993	KATSUMI ISHII	
		US-4,907,349	03-13-1990	SEIICHIRO AIGO	
		US-5,301,700	04-12-1994	YUJI KAMIKAWA	
		US-4,962,726	10-16-1990	YOSHINARI MATSUSHITA	
		US-5,332,445	07-26-1994	ERIC J. BERGMAN	
		US-5,054,988	10-08-1991	HIROTSUGU SHIRAIWA	
		US-5,377,708	01-03-1995	ERIC J. BERGMAN	
		US-5,059,079	10-22-1991	RICHARD F. FOULKE	
		US-5,368,945	02-14-1995	GEORGES GARRIC	
		US-5,083,364	01-28-1992	HERBERT OLBRICH	
		US-5,404,894	04-11-1995	HIROTSUGU SHIRAIWA	
		US-5,123,804	06-23-1992	KATSUMI ISHII	
		US-5,445,172	08-29-1995	RAYMON F. THOMPSON	
		US-5,168,886	12-08-1992	RAYMON F. THOMPSON	
		US-5,464,313	11-07-1995	TETSU OHSAWA	
		US-5,174,045	12-29-1992	RAYMON F. THOMPSON	
		US-5,468,112	11-21-1995	KATSUMI ISHII	
		US-5,160,273	01-19-1993	KAZUHIRO SAKAYA	
		US-5,486,080	01-23-1996	MANNY SIERADZKI	
		US-3,968,885	07/1976	Hassan et al.	
		US-5,500,081	03-19-1996	ERIC J. BERGMAN	
		US-4,449,885	05-22-1984	RICHARD J. HERTEL	
		US-5,507,614	04-16-1996	MARK LEONOV	
		US-4,693,017	09-15-1987	HENRY OEHLER	
		US-5,525,024	06-11-1996	FREDERIK W. FREERKS	
		US-4,924,890	05-15-1990	BRIAN A. GILES	
		US-5,544,421	08-13-1996	RAYMON F. THOMPSON	
		US-5,055,036	10-08-1991	TAKANOBU ASANO	
		US-5,562,383	10-08-1996	HIROYUKI IWAJ	
		US-5,110,248	05-05-1992	TAKANOBU ASANO	
		US-5,575,611	11-19-1996	STEVEN R. THOMPSON	
		US-5,168,887	12-08-1992	RAYMON F. THOMPSON	
		US-5,658,387	08-19-1997	TIMOTHY J. REARDON	
		US-5,186,594	02-16-1993	MASATO M. TOSHIMA	
		US-5,660,517	08-26-1997	RAYMON F. THOMPSON	

Examiner	Date
----------	------

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1445A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete If Known</b>		
			Application Number	10/721,057-Conf. #3252	
			Filing Date	November 24, 2003	
			First Named Inventor	Kyle M. Hanson	
			Art Unit	3723	
			Examiner Name	Not Yet Assigned	
Sheet	2	of	3	Attorney Docket Number	291958110US2

	US-4,615,521	10-07-1986	NORIAKI MORI	
	US-5,664,337	09-09-1997	JEFFREY A. DAVIS	
	US-5,026,239	06-25-1991	YUJI CHIBA	
	US-5,678,320	10-21-1997	RAYMON F. THOMPSON	
	US-5,125,784	08-30-1992	TAKANOBU ASANO	
	US-5,700,127	12-23-1997	JUNJI HARADA	
	US-4,313,266	02-02-1982	JOHANN TAM	
	US-5,741,109	04-21-1998	MORDECHAI WIESLER	
	US-5,064,337	11-12-1991	TERUO ASAKAWA	
	US-5,803,932	09-08-1998	MASAMI AKIMOTO	
	US-4,840,530	06-20-1989	LOC H. NGUYEN	
	US-5,833,426	11-10-1998	DAN A. MAROHL	
	US-5,178,639	01-12-1993	HIRONOBU NISHI	
	US-6,091,498	07-18-2000	KYLE HANSON	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP-0452939	10-23-1991	Applied Materials, Inc.		
		EP-0544311	06-02-1993	Dainippon Screen Mfg.		
		JP-64-48442	09-13-1990	Mazda Motor Corp.		
		JP-4-144150	06-22-1993	Elf Sanofi		
		JP-5-211224	02-12-1994	Matsushita Electric Ind. Co. Ltd		
		WO-92/16015	08-03-1993	Semtool, Inc.		
		WO-99/16689	04-08-1999	Semtool, Inc.		
		WO-95/06326	03-02-1995	Semtool, Inc.		
		WO-81/02533	11-17-1981	Thompson		
		JP-6-146984	03-20-1995	Toyko Electron Ltd		
		JP-4-157755	06-22-1993	Hitachi Ltd		
		EP-2217 107	10-05-1989	Cannon KK		
		EP-0456372	11-13-1991	Genus, Inc.		
		EP-0292090	11-23-1988	Semtool, Inc.		
		EP-0047132	02-14-1984	Heraeus Schott		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

Examiner Signature	Date
--------------------	------